

DERWENT-ACC-NO: 1983-37966K

DERWENT-WEEK: 198316

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TITLE: Flame-retarding backing for floor
covering - contains copolymer emulsion and synthetic
rubber latex

PATENT-ASSIGNEE: SUMITOMO CHEM CO LTD [SUMO]

PRIORITY-DATA: 1981JP-0139288 (September 3, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
JP 58041972 A	004	March 11, 1983
	N/A	N/A

INT-CL (IPC): D06M015/40

ABSTRACTED-PUB-NO: JP 58041972A

BASIC-ABSTRACT:

Flame-retarding backing compsn. contains 90-10 pts.wt. of a copolymer (A) emulsion having monomer compsn. (by wt. ratio) 30-95:5-70:55-0 or its modified prod. and 10-90 pts.wt. of (B) synthetic rubber latex. Vinyl chloride-ethylene copolymer or vinyl chloride-vinyl acetate-ethylene copolymer is modified by functional monomer e.g. acrylamide, N-methylol acrylamide, N-butoxymethyl acrylamide, acrylic acid, glycidyl methacrylate or hydroxyethyl acrylate. The rubber latex includes styrene-butadiene, acrylonitrile-butadiene, methyl methacrylate-butadiene.

To the compsn. is opt. added a thickening agent or paint, e.g. calcium

carbonate, aluminium hydroxide, kaoline clay or talc. A flame-retarding agent is opt. added. The agent is phosphate, halogen-contg. phosphate, ammonium polyphosphate, antimony trioxide, zinc borate, barium metaphosphate or aluminium hydroxide. The compsn. contains 20-80wt.% solid component and is of viscosity 2000-30000 cps.

TITLE-TERMS: FLAME RETARD BACKING FLOOR COVER CONTAIN COPOLYMER EMULSION
SYNTHETIC RUBBER LATEX

DERWENT-CLASS: A12 A14 A84 E37 F06

CPI-CODES: A04-B01; A04-D04; A04-E03; A04-F01; A04-G08;
A08-F01; A12-B01;
A12-B02; A12-D01; A12-D02; E05-G; E31-K; E31-M;
E31-Q; E34-C02;
F03-C03; F03-C03A; F03-C03B; F03-C03C; F04-D;
F04-D03;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

A256 A940 B115 B702 B713 B720 B815 B832 B833 C500
C802 C803 C804 C805 C807 M411 M781 M903 Q130 Q621
R043

Chemical Indexing M3 *02*

Fragmentation Code

A430 A940 B105 B713 B720 B803 B833 C108 C802 C803
C804 C805 C807 M411 M781 M903 Q130 Q621 R043

Chemical Indexing M3 *03*

Fragmentation Code

A351 A940 C108 C550 C730 C801 C802 C803 C804 C805
C807 M411 M781 M903 M910 Q130 Q621 R043

Chemical Indexing M3 *04*

Fragmentation Code

A313 A940 C101 C108 C550 C730 C801 C802 C804 C805
C807 M411 M781 M903 M910 Q130 Q621 R043

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1527U; 2020U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0037 0205 0209 0218 0220 0060 0066 0069
0171 0183 0231 0242
0412 0496 0503 3056 0587 0608 0622 0643 0762 0790 1095 1282
2222 2223 2224 2225
2282 2335 2504 2556 2679 2694 2723 2822 1633 0306 3159 0376
3170 0502 3013 0537
Multipunch Codes: 013 032 034 04- 040 041 046 047 055 056
06- 061 062 063 066
067 074 075 076 077 079 08& 08- 081 085 086 10- 117 122 15-
157 18- 19- 20- 226
228 229 26- 27& 28& 312 336 339 340 37- 392 397 40- 42- 43-
436 44- 440 477 512
539 613 614 664 720 013 032 034 04- 040 041 046 047 06- 061
062 063 066 067 072
074 075 076 077 079 08& 08- 081 085 086 10- 117 122 15- 157
18- 19- 20- 226 228
229 26- 27& 28& 312 336 339 340 37- 392 397 40- 42- 43- 436
44- 440 477 512 539
613 614 664 720 013 032 034 04- 040 041 046 047 06- 061 062
063 066 067 074 075
076 077 079 08& 08- 081 082 085 086 10- 117 122 15- 157 18-
19- 20- 226 228 229
26- 27& 28& 312 336 339 340 37- 392 397 40- 42- 43- 436 44-
440 477 512 539 613
614 664 720

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1983-037125